

The claims of Group I were further restricted to specific species as follows: whether the composition is made by organic synthesis or by extracting from a plant and if a plant, which specific plant is used. Additionally, Applicant was required to elect a specific composition; i.e. a specific flavonoid. Applicant respectfully traverses the further restriction of the elected claims into the abovementioned species. However, in order to expedite the prosecution of this application due to an actual infringement of the disclosed technology, Applicant is amending generic claim 1 and canceling the claim to specific Free-B-Ring flavonoids (claim 2). As amended, claim 1 is drawn to a specific family, genus and species of plant as required by the Examiner.

Applicant reserves the right to prosecute all canceled subject matter, including that of amended generic claim 1 and claim 2 directed to specific Free-B-Ring flavonoids in a divisional or continuing application.

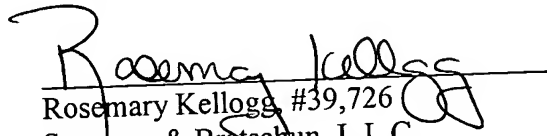
Applicant has added new claims 19-21 which specify that the inhibition of the Free-B-Ring flavonoids results in reduction in the symptoms and conditions related to inflammation. Support for this amendment can be found in Example 9 beginning on page 28 of the Specification.

Applicant believes that the pending claims are in condition for allowance. If it would be helpful to obtain favorable consideration of this case, the Examiner is encouraged to call and discuss this case with the undersigned.

This constitutes a request for any needed extension of time and an authorization to charge all fees therefore to deposit account No. 19-5117 if not otherwise specifically requested. The undersigned hereby authorizes the charge of any fees created by the filing of this document or any deficiency of fees submitted herewith to be charged to deposit account No. 19-5117.

Respectfully submitted,

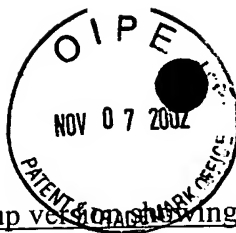
Date: November 7, 2002


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Marked up version showing changes to claims under 37 C.F.R. § 1.121(c)(ii)

1. (amended) A method for inhibiting the cyclooxygenase enzyme COX-2 comprising administering a composition comprising a Free-B-Ring flavonoid or a composition containing a mixture of Free-B-Ring flavonoids; wherein said composition is isolated from a plant selected from the Labiatae family, the Scutellaria genus and the *Scutellaria baicalensis* species.

4. (amended) The method of claim 1 wherein said Free-B-Ring flavonoid or mixtures thereof are [is] isolated from a plant part.

7. (amended) The method of claim 4 wherein the [Free-B-Ring flavonoid is isolated from a] plant part is selected from the group consisting of stems, stem barks, twigs, tubers, roots, root barks, young shoots, seeds, rhizomes, flowers and other reproductive organs, leaves and other aerial parts.

19. (new) A method for inhibiting the cyclooxygenase enzyme COX-2 comprising administering a composition comprising a Free-B-Ring flavonoid or a composition containing a mixture of Free-B-Ring flavonoids; wherein said composition is isolated from a plant selected from the Labiatae family, the Scutellaria genus and the *Scutellaria baicalensis* species and wherein said inhibition results in reduced inflammation conditions and symptoms.

20. (new) The method of claim 19 wherein said Free-B-Ring flavonoid or mixtures thereof are isolated from a plant part.

21. (new) The method of claim 20 wherein said plant part is selected from the group consisting of stems, stem barks, twigs, tubers, roots, root barks, young shoots, seeds, rhizomes, flowers and other reproductive organs, leaves and other aerial parts.

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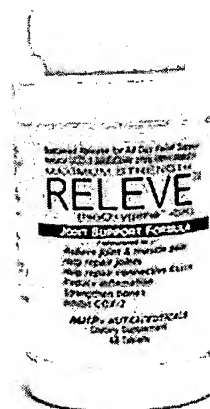
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RELEVE
Joint Support Formula
(IsoOxygene-SR)

RECEIVED
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 TECH CENTER 1600/2900



Size 60 tabs
 List Price \$39.99
 Our Price \$24.95
 Quantity
 Buy Now

Description:

What is RELEVE™?

The RELEVE comprehensive joint formula is designed to attack joint stress in a more complete and scientific fashion, and addresses a number of fundamental causes of joint pain, connective tissue degeneration, and muscle soreness, including the underlying causes. RELEVE contains glucosamine to help restore joint health, but RELEVE's main mechanism of action in reducing pain and inflammation in joints is its patented COX-2 inhibiting ingredient IsoOxygene.

In the last 10 years, the COX-2 paradigm has emerged as one of the most important biochemical systems of the 21 century. The COX-2 enzyme has become a primary model for understanding and treating numerous different diseases. This enzyme is one of the key building blocks that has helped to shed light on our understanding of such diverse pathologies as cancer, osteoporosis, heart disease, Alzheimer's disease, and most notably arthritis.

RELEVE™ Features...

- Relieve joint and muscle pain
- Help repair joints
- Help repair connective tissue
- Strengthen bones
- Inhibit COX-2

What are the benefits of RELEVE™:

RELEVE employs a number of other benefits to help support joint health and bone health. RELEVE also contains substances that regulate the expression of enzymes in the cells that make bone. These are called osteoblasts, and they create or give rise to the musculoskeletal and connective tissue structures. As they mature, they are associated with the production of teeth and bone. Osteoclasts on the other hand, are responsible for the breakdown of bone, and effect the absorption and removal of bone. In other words, osteoclasts produce joint and bone degeneration. Under stress, various substances are produced in the body that result in swelling, soreness, and destruction of the cartilage in the joints. These substances are called mediators, but technically are known as cytokines and prostaglandin E-2 (PGE2). By inhibiting these mediators, RELEVE can help prevent bone destruction and resorption, or loss of bone and degeneration of connective tissue.

Information about products containing ISO Oxygene

RELEVE employs a number of COX-2 inhibitor botanicals. Most importantly, the RELEVE joint formula contains IsoOxygene, a proprietary, patent pending botanical COX-2 inhibitor that is the gold standard for natural COX-2 inhibitors. IsoOxygene is 20 times more potent and significantly more selective for the COX-2 enzyme than any other botanical currently tested. This means greater results for pain relief, and quicker onset of action. And, the duration of action for relief has been extended to last for hours as a result of the unique micro encapsulation and enhancement of this ingredient into a sustained-release, also allowing better absorption.

By inhibiting COX-2, a whole series of diseases can be stopped in their tracks. Most importantly, the pain and inflammation of arthritis, or traumatic injury, can be arrested by therapeutic COX-2 inhibitors. And for athletes and body builders, who put a tremendous amount of stress and strain on their joints and cartilage, COX-2 inhibitors should be part of their daily routine. During and after every workout, damaging COX-2 is being created or induced. Daily use of COX-2 inhibitors can arrest this process, and provide for long lasting joint and overall body health in general. RELEVE's powerful COX-2 inhibiting effect makes it ideal joint formulas for athletes.

Product Use Directions: As a dietary supplement, take two (2) tablets once daily. Or as directed by a healthcare professional.

Ingredients:**Supplement Facts****Serving Size = 2 tablets****Per Serving:**

- Baikal skullcap root extract – 200mg
- N-acetylcysteine – 500mg
- Glucosamine sulfate 2KCl – 500mg
- IsoOxygene – 500mg
(*proprietary, sustained-release extract of Humulus lupulus L*)
- Alpha Lipoic Acid – 100mg

Other Ingredients: guar gum, dicalcium phosphate, stearic acid, calcium carbonate, microcrystalline cellulose, citrus pectin, magnesium stearate, silica and film coat (hydroxypropyl methylcellulose, hydroxypropyl cellulose, polyethylene glycol, propylene glycol, FD&C Blue #2 lake, titanium dioxide, and sodium citrate.)

US Pat#5,292,518 and patents pending

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